

State of California  
Revised April 30, 2005

California Integrated Waste Management Board

**Base Year Modification Request Certification**

**Part 1: Generation Study - No Extrapolation Diversion Data**

To request a substitution for a previously approved base year used in calculating the diversion rate report year generation study for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board  
Office of Local Assistance  
1001 I Street, (MS-25)  
PO Box 4025  
Sacramento, CA 95812-4025

**General Instructions:**

Please select the **ONE** choice below that best explains your request to the Board.

- ☐ 1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
- ☒ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

**Section I: Jurisdiction Information and Certification**

*All respondents must complete this section.*

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name		County	
City of Buellton		Santa Barbara	
Authorized Signature		Title	
Type/Print Name of Person Signing		Date	Phone ( ) Include Area Code
Person Completing This Form (please print or type)		Title	
Affiliation:			
Mailing Address	City	State	ZIP Code
E-Mail Address <u>citymanager@cityofbuellton.com</u>			

Section II: Information for New Generation-Based Study for Existing or New Base Year	
Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").	
<b>Note: New base years must be representative of a jurisdiction's disposal and diversion.</b>	
1. Current Board-approved existing base year:	2. Proposed new generation-based study year:
1995	2004
3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:	

4. Enter diversion rate information below.			
Diversion rate calculated using existing base year	a. 42 %	Diversion rate calculated using new generation-based study	b. 44%
Existing base year pounds/person/day based on generation	14.76209775	New generation based study pounds/person/day based on generation	15.32
Existing base year:		New generation based study:	
Residential generation 49 %	Non-Residential generation 51 %	Residential generation 28 %	Non-Residential generation 72 %
Population existing generation-based study 3,380		Population new generation-based study 4,461	
5. Please explain how the new diversion rate is consistent with your current diversion implementation efforts and also explain the specific reasons for the difference.			
6. If the proposed new generation tonnage results in an increase in your pounds per day, please explain how this is consistent with your current diversion implementation efforts and provide examples (e.g., change in jurisdiction's demographics). In addition, If your pounds per person is over the state average of 11.2 pounds, please explain why.			

Section III - Disposal and Diversion Information			
<b>1. Disposal Tonnage (enter values):</b>	<b>2098</b>	<b>4894</b>	<b>6992</b>
	Residential	Non-Residential	Total
Please select the <b>ONE</b> choice below that best explains your disposal data and complete the required tables.			
<input checked="" type="checkbox"/> a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Number 2.) <input type="checkbox"/> b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at <a href="http://www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc">www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc</a> and submit with <input type="checkbox"/> c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <a href="http://www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc">www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc</a> and submit with the new bas year			

2. In the table below, list the summarized diversion activities, tonnages, material types, actual or conversion factors, and diversion data records that support your claim and are available for Board verification. **Note: The Board expects the jurisdiction to be able to provide all back-up documentation, if requested.** Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition and percentage calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt, white goods, and scrap metal.] you must identify those programs and waste types and complete Section VI. Survey forms for the top ten businesses must be included as an attachment with the generation study year and should be identified as Attachment IVa.  
(Note: The Board has indicated that total source reduction amounts greater than five percent will be scrutinized. Please be prepared to substantiate the amounts.)

**Note: Detailed Non-Residential waste audit information for the top ten businesses surveyed must be included in Section IV.**

<http://www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm>

Diversion Activity	Total Tons	Percent of Total Generation	Specific Material Type(s) (List diversion program activity w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm">www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm</a>	(A)	(A/Total Generation)			
<b>Residential Source Reduction Activities</b>					
Backyard composting					
Grasscycling					
<b>Other Residential Source Reduction (list each program separately)</b>					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Source Reduction	0	0%			
<b>Residential Recycling Activities</b>					
Curbside Recycling	526	4%	Aluminum, glass, plastic & metal containers, and paper	Actual weights	Weight report provided by hauler as supporting documentation
Buyback Centers	127	1%	Aluminum, glass, plastic & bimetal container recycling	Actual Weights	Department of Conservation's, Division of Recycling Annual Tonnage Report - provided as source documentation
Drop-off Centers					

Diversion Activity	Total Tons	Percent of Total Generation	Specific Material Type(s) (List diversion program activity w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm">www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm</a>	(A)	(A/Total Generation)			
<b>Other Residential Recycling (list each program separately)</b>					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal, Residential Recycling</b>	<b>653</b>	<b>5%</b>			
<b>Residential Composting Activities</b>					
Green Waste Drop-off					
Curbside Green Waste	667	5%	green waste	Actual weights	Weight report provided by hauler as supporting documentation
Christmas Tree Program					
<b>Other Residential Composting (list each program separately)</b>					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal, Residential Composting</b>	<b>667</b>	<b>5%</b>			
<b>Subtotal, Residential Diversion</b>	<b>1320</b>	<b>11%</b>			
<b>Non-Residential Source Reduction Activities:</b>					
Non-Residential Waste Audits	46	0%	Detailed information must be included in Section V	Detailed information must be included in Section V	Detailed information must be included in Section V
<b>Other Non-Residential Source Reduction (list each program separately)</b>					
Government grasscycling	30	0%	4 acres of grasscycling at the City parks and turf areas	7.6 tons/acre/year	
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal, Non-Residential Source Reduction</b>	<b>76</b>	<b>1%</b>			

Diversion Activity	Total Tons	Percent of Total Generation	Specific Material Type(s) (List diversion program activity w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm">www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm</a>	(A)	(A/Total Generation)			
<b>Non-Residential Recycling Activities:</b>					
Non-Residential Waste Audits	941	8%	Detailed information must be included in Section V	Detailed information must be included in Section V	Detailed information must be included in Section V
Other Non-Residential Recycling (list each program separately)					
Commercial Curbside Recycling	457	4%	Aluminum, glass, plastic & metal containers, and paper	Actual Weights	Weight report provided by hauler as supporting documentation
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	1399	11%			
<b>Non-Residential Composting Activities:</b>					
Non-Residential Waste Audits	261	2%	Detailed information must be included in Section V	Detailed information must be included in Section V	Detailed information must be included in Section V
Other Non-Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	261	2%			
Subtotal Non-Residential Diversion	1736	14%			
<b>Other Diversion Activities</b> (Note: If you are unable to provide the actual residential/non-residential split, please provide your best estimates of the split in each program type or put all the diversion under non-residential.)					
<b>Residential</b>					
ADC	23	0%	green material & tire	actual weights	CIWMB's Disposal Reporting System
Sludge (must submit sludge cert form)			Although sludge is diverted, it was not normally disposed (i.e., has always been land-applied) and therefore could not be included in the generation tonnage.		
Scrap Metal					
Construction and Demolition					
Landfill Salvage					
Other (e.g., ag waste)					
Subtotal Residential Waste	23	0%			

Diversion Activity	Total Tons	Percent of Total Generation	Specific Material Type(s) (List diversion program activity w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm">www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm</a>	(A)	(A/Total Generation)			
<b>Non-Residential</b>					
ADC	0	0%			
Sludge (must submit sludge cert form)			Although sludge is diverted, it was not normally disposed (i.e., has always been land-applied) and therefore could not be included in the generation tonnage.		
Scrap Metal					
Construction and Demolition	2398	19%	Bid and job information from City Engineer & contractor		
Landfill Salvage					
Other (e.g., ag waste)					
<b>Subtotal Non-Residential Waste</b>	<b>2398</b>	<b>19%</b>			
<b>Subtotal Residential/ Non-Residential Other Diversion</b>	<b>2421</b>	<b>19%</b>			
<b>Total Residential/Non-Residential Source Reduction Tons</b>	<b>76</b>	<b>1%</b>			
<b>Total Diversion Tons</b>	<b>5477</b>	<b>44%</b>			
<b>Total Disposal Tons from Number 1</b>	<b>6992</b>	<b>56%</b>			
<b>Total Generation Tons (Div+Dis)</b>	<b>12469</b>				
<b>NEW GENERATION STUDY DIVERSION RATE</b>					
	44%				
<b>Additional Information for Report Year Calculations - Biomass and Transformation Activities (Note: you cannot claim both biomass and transformation.)</b>					
Biomass (must submit biomass cert form and must be 10% or less of generation--use the calculator to calculate)					
Transformation					
<b>Report Year Diversion Rate with Biomass or Transformation Credit</b>					

Section IV - Specific Non-Residential Sector Waste Audits								
Top 10 Non-Residential Generators								
Please complete this table for the top ten non-residential businesses that were surveyed. Use the business type in lieu of the specific business name (e.g., grocery store vs. Bestway Grocery Store) List each non-residential business separately from largest to smallest, based on total diversion tons. Audit reference number should be the same number used to identify businesses on the survey/audit sheets, and must be identical to the data in the Section V spreadsheet.								
Audit Reference Number	Type of Non-Residential Generator	Include Material Type (e.g., paper, grasscycling). (List materials on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section III)	Survey Method Phone (P) Mail (M) On-site (O) Other ____
1	Winery	grape pomice composting			165	164.93	1.3%	O
2	Winery	grape pomice composting			30	30	0.2%	O
3	Winery	grape pomice composting			26	26	0.2%	O
4	Winery	grape pomice composting			40	40	0.3%	O
5	Food Manufacturer	cardboard, plastic and wood recycling and plastic reuse	2	550		552.03	4.4%	O
6	Educational Facility	grasscycling	44			44.46	0.4%	O
7	Grocery Store	cardboard, plastic and bone/fat/grease recycling		322		322.21	2.6%	O, P
8	Retail	cardboard and plastic recycling		52		52.08	0.4%	O
9	Banks (3 or 4)	paper recycling		0		0.23	0.0%	P
10	Renderer	bone, fat, grease recycling		16		16.415	0.1%	P
Totals			46.09	941.335	260.93	1248.355	10.0%	

Section V - Non-Residential Generator Audit Diversion Spreadsheet							
<p>Use the type of business and audit reference number in lieu of the specific business name. For each business include the diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors and sources. Copies of the audit survey form(s) for each of the top ten businesses should be included as an attachment. Click on the Section Button to add a section for another generator ( ten rows and a subtotal row added to the table for each new generator). If you have any questions, please contact your OLA Representative at (916) 341-6199.</p>							
Add Section							
Non-Residential Generator Audit Diversion							
Non-Residential Generator Survey or Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
1	winery	pomice composting	actual weights			164.93	164.93
Subtotal -				0	0	164.93	164.93
2	winery	pomice composting	generator estimate			30	30
Subtotal -				0	0	30	30
3	winery	pomice composting	generator estimate			26	26
Subtotal -				0	0	26	26

Non-Residential Generator Survey or Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
4	winery	compost	generator estimate			40	40
Subtotal -				0	0	40	40
5	food manufacturer	cardboard recycling	1,000 lb per bale per recycler		520		520
		plastic recycling	Generator estimate		25.2		25.2
		pallet recycling	40 pounds per pallet (USEPA)		5.2		5.2
		plastic reuse	25 pounds per 55-gallon plastic barrel (per sample specifications)	1.63			1.63
Subtotal -				1.63	550.4	0	552.03
6	educational facility	grasscycling	5.85 acres at 7.6 tons per acre per year	44.46			44.46
Subtotal -				44.46	0	0	44.46
7	grocery store	cardboard recycling	15 bales per week at 700 lbs. per bale		273		273
		film plastic recycling	2.5 bales per week at 700 lbs. per week		45.5		45.5
		bone, fat, grease recycling	2.5 (57 lbs each) 55-gallon containers per week		3.71		3.71

Non-Residential Generator Survey or Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
<b>Subtotal -</b>				0	322.21	0	322.21
8	retail	cardboard recycling	500 pounds per bale per baler specifications		52		52
		plastic kernal recycling	1.5 pounds per 33-gallon bag (USEPA)		0.08		0.08
<b>Subtotal -</b>				0	52.08	0	52.08
9	banks (3)	shredded paper recycling	shredded paper = 8 lbs per 33 gallon (USEPA)		0.23		0.23
<b>Subtotal -</b>				0	0.23	0	0.23
10	renderer	bone, fat, grease	actual weight		16.415		16.415
<b>Subtotal -</b>				0	16.415	0	16.415
<b>Grand Total</b>				46	941	261	1,248

## Section VI - Restricted Waste

For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program or generator, please provide the following information:

Insert 1

1. If the diversion program started on or after January 1, 1990, complete the following table.

**Note:** Specific Program Name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept."). Please input the complete program name with business type if appropriate. If you need to add additional programs, insert a row by clicking on the button for that section.

Restricted Waste Type	Audit Reference Number	Specific Program Name	Year Started	Generation Study Diversion Tonnage
Pull Down for Waste Types ▼	NA	City Repaving Project	1994	2398
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				

2. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board, on a separate sheet marked "Attachment Section VI. 2", provide the documentation that indicates:

▪ How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).

▪ That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note:** this criterion is applicable to individual programs (PRC sec 41781.2(c)(2). Please include documentation.

▪ The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

**Note:** If documentation for a waste type and program has already been approved by the Board, you do not have to provide an "Attachment Section VI.2" for that waste type and program.

Instead please provide date of Board approval of previously submitted information.

(Date)

If documentation is not available, go to Number 4.

Insert 3

3. If the diversion program started before January 1, 1990, and the documentation requested in Section VI.2" is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Audit Reference Number	Specific Program Name	Generation Study Diversion Tonnage
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			

4. If the diversion program started before January 1, 1990, and the documentation requested in Section VI.2 is not available, complete the table below for each program claimed:

Ins 4

Restricted Waste Type	Audit Reference Number	Specific Program Name	Specific Program Generation Study Diversion Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types ▼					
Pull Down for Waste Types ▼					
Pull Down for Waste Types ▼					
Pull Down for Waste Types ▼					
Pull Down for Waste Types ▼					